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17114 U.S.PTO

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 038190/268379

First Inventor Dwight A. Burford et al.

Title SYSTEM AND ASSOCIATED FRICTION STIR (FSW)
ASSEMBLY, CONTROLLER AND METHOD FOR
PERFORMING A FRICTION STIR WELDING OPERATION

Express Mail Label No. EV 331608718 US

00727 U.S.PTO
10/706480

102703

ADDRESS TO: **MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450**

Transmitted herewith for filing in the United States Patent Office is a patent application for:

Inventors: Dwight R. Burford, Edwin H. Fenn, Danny R. High, Robert M. Kay

Assignee of this invention is The Boeing Company, Chicago, Illinois

1. The Filing Fee has been calculated as shown below:
2. Applicant claims Small Entity Status. See 37 CFR 1.27.

No. Filed	No. Extra	Small Entity Rate	Large Entity Rate
BASIC FEE		\$ 0	\$ 770
TOTAL CLAIMS:	20 - 20 = 0	X 9 = \$ 0	x 18 = \$ 0
INDEP CLAIMS:	4 - 3 = 1	X 43 = \$ 0	x 86 = \$ 86
[<input type="checkbox"/>] MULTIPLE DEPENDENT CLAIMS PRESENTED		+145 = \$	+290 = \$
*If the difference in Column 1 is less than zero, enter "0" in Column 2.		TOTAL \$	TOTAL \$ 856

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Acct. No. 16-0605.

- a. Fees required under 37 CFR 1.16 (National filing fees).
 - b. Fees required under 37 CFR 1.17 (National application processing fees) including any extension of time fees under 37 CFR § 1.136(a) that are required for consideration of papers filed during prosecution.
- A check in the amount of \$ 856.00 for the filing fee is enclosed.
- The above filing fee will be paid along with Applicant(s) Response to the Notice to File Missing Parts.
3. Specification; Total Pages 25
 4. 6 Sheets of Drawing(s) (35 USC 113)
 5. Declaration and Power of Attorney; [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) & 1.33(b).
 6. Application Data Sheet. See 37 CFR 1.76
 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

The PTO did not receive the following
listed item(s). Specified claim
Drawings and part card.

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

 - a. Computer Readable Copy (CRF)
 - b. Request for Transfer of Computer Readable Form of Sequence Listing under 37 CFR § 1.821(e) and MPEP 2422.05 (must be compliant with new rules)
 - c. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper (Pages)
 - d. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s) (including a check for the \$40.00 fee)

10. 37 CFR 3.73(b) Statement (*when there is an assignee*); Power of Attorney

11. English Translation Document (*if applicable*)

12. Information Disclosure Statement (IDS)/PTO-1449; 1 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)

15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
 Foreign Priority is claimed as Application No. , filed

16. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).
Applicant must attach form PTO/SB35 or its equivalent.

17. Request for Early Publication Under 37 CFR § 1.219. Fee of \$300.00 is enclosed.

18. If a **CONTINUING APPLICATION**, *check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:*
 Continuation Divisional Continuation in Part (CIP)

Prior Application Information: Examiner _____ Group/Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS CUSTOMER NUMBER 00826

Signature: J.W. Lacy

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Date of Deposit October 27, 2003

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Sarah B. Simmons
CLT01/4616221v1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Dwight A. Burford et al.
Appl. No.: To be assigned
Filed: Concurrently herewith
For: SYSTEM AND ASSOCIATED FRICTION STIR WELDING (FSW)
ASSEMBLY, CONTROLLER AND METHOD FOR PERFORMING
A FRICTION STIR WELDING OPERATION

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**REQUEST FOR EARLY PUBLICATION
UNDER 37 C.F.R. § 1.219**

Applicant hereby requests early publication of this patent application under 37 C.F.R. § 1.219. The fee of \$300.00 under 37 C.F.R. § 1.18 is enclosed. Any deficiency may be charged to deposit account 16-0605.

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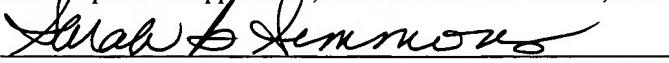
Respectfully submitted,


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Mail Stop Patent Application, Commissioner for Patents, Alexandria, VA 22313-1450


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